analytics environmental laboratory LLC

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800-929-9906
www.analyticslab.com

Ms. Nina Anderson
Inspectorate America Corporation
12000 Aerospace Ave, Suite 200
Houston TX 77034-5576

Report Number: 70248

Revision: Rev. 0

Re: Sprague Energy (Project No: 061611)

Enclosed are the results of the analyses on your sample(s). Samples were received on 22 June 2011 and analyzed for the tests listed. Samples were received in acceptable condition, with the exceptions noted below or on the chain of custody. These results pertain to samples as received by the laboratory and for the analytical tests requested on the chain of custody. The results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. Please see individual reports for specific methodologies and references.

Lab Number	Sample Date	Station Location	Analysis	Comments
70248-1	06/20/11	Everett/ Asphalt Star/ TK 194/ A	EPA 8260 Volatile Organics	
70248-2	06/20/11	Everett/ Asphalt Star/ TK 194/ B	EPA 8260 Volatile Organics	
70248-3	06/20/11	Everett/ Asphalt Star/ Trip Blank	EPA 8260 Volatile Organics	
70248-4	06/21/11	Everett/ Asphalt Star/ TK 148/ A	EPA 8260 Volatile Organics	
70248-5	06/21/11	Everett/ Asphalt Star/ TK 148/ B	EPA 8260 Volatile Organics	
70248-6	06/21/11	Everett/ Asphalt Star/ TK 194/ Trip Blank	EPA 8260 Volatile Organics	

Sample Receipt Exceptions: None

Analytics Environmental Laboratory is certified by the states of New Hampshire, Maine, Massachusetts, Connecticut, Rhode Island, Virginia, Maryland, and is accredited by the Deparment of Defense (DOD) ELAP program. A list of actual certified parameters is available upon request.

If you have any questions on these results, please do not hesitate to contact us.

Authorized signature _____
Stephen L. Knollmeyer Lab. Director

Date 6/27/2011

analytics environmental laboratory LLC

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Ms. Nina Anderson
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June 26, 2011

CLIENT SAMPLE ID

Project Name: Sprague Energy

Project Number: 061611

Field Sample ID: LAB QC

SAMPLE DATA

Lab Sample ID: MB06241C
Matrix: Solid
Percent Solid: 100
Dilution Factor: 100
Collection Date: N/A
Lab Receipt Date: N/A
Analysis Date: 06/24/11

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Limit of Detection (LOD) µg/kg	Limit of Quantitation (LOQ) µg/kg	Result µg/kg	COMPOUND	Limit of Detection (LOD) µg/kg	Limit of Quantitation (LOQ) µg/kg	Result µg/kg
Chloroethane	50	100	U	1,1-Dichloroethane	50	100	U
Chloroform	50	75	U	1,1-Dichloroethene	50	75	U
Chloromethane	50	100	U	1,1-Dichloropropene	50	100	U
cis-1,2-Dichloroethene	50	100	U	1,2,3-Trichlorobenzene	50	100	U
cis-1,3-Dichloropropene	50	100	U	1,2,3-Trichloropropane	50	100	U
Dibromochloromethane	50	75	U	1,2,4-Trichlorobenzene	50	100	U
Dibromomethane	50	100	U	1,2,4-Trimethylbenzene	50	100	U
Dichlorodifluoromethane	50	100	U	1,2-Dibromo-3-chloropropane	50	100	U
Ethylbenzene	50	100	U	1,2-Dibromoethane	50	75	U
Freon-113	50	100	U	1,2-Dichlorobenzene	50	100	U
Hexachlorobutadiene	50	100	U	1,2-Dichloroethane	50	75	U
Isopropl benzene	50	100	U	1,2-Dichloropropane	50	75	U
m,p-Xylene	50	100	U	1,3,5-Trimethylbenzene	50	100	U
Methyl-tert-butyl ether (MTBE)	50	75	U	1,3-Dichlorobenzene	50	100	U
Methylene chloride	250	500	U	1,3-Dichloropropane	50	100	U
Naphthalene	50	100	U	1,4-Dichlorobenzene	50	100	U
n-Butylbenzene	50	100	U	2,2-Dichloropropane	50	100	U
n-Propylbenzene	50	100	U	Methyl ethyl ketone	500	1000	U
o-Xylene	50	100	U	2-Chlorotoluene	50	100	U
sec-Butylbenzene	50	100	U	2-Hexanone	500	1000	U
Styrene	50	100	U	4-Chlorotoluene	50	100	U
tert-Butylbenzene	50	100	U	4-Isopropyltoluene	50	100	U
Tetrachloroethene	50	100	U	4-Methyl-2-pentanone	500	1000	U
Tetrahydrofuran	250	500	U	Acetone	500	1000	U
Toluene	50	100	U	Benzene	50	100	U
trans-1,2-Dichloroethene	50	100	U	Bromobenzene	50	100	U
trans-1,3-Dichloropropene	50	100	U	Bromochloromethane	50	100	U
Trichloroethene	50	100	U	Bromodichloromethane	50	75	U
Trichlorofluoromethane	50	100	U	Bromoform	50	75	U
Vinyl chloride	50	100	U	Bromomethane	50	100	U
Xylenes (total)	50	100	U	Carbon Disulfide	50	100	U
1,1,1,2-Tetrachloroethane	50	100	U	Carbon tetrachloride	50	100	U
1,1,1-Trichloroethane	50	100	U	Chlorobenzene	50	100	U
1,1,2,2-Tetrachloroethane	50	75	U	(TIC) n-Heptane	NA	NA	NF
1,1,2-Trichloroethane	50	75	U	(TIC) n-Hexane	NA	NA	NF

Surrogate Standard Recovery

Bromofluorobenzene	92%	d4-1,2-Dichloroethane	99%	d8-Toluene	101%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample collection in accordance with SW-846 method 5035A. Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260B. Results between the LOD and LOQ are reported as estimated (J flag). Difficult compounds and laboratory contaminants are not reported below the LOQ

COMMENTS: Results are expressed on a dry weight basis. TIC=Tentatively Identified Compound. NF=Not Found using NIST library search criteria.

set2Column2TierWTICs:Res(0):Rec(0) - Inspectorate_OIL_2Tier_wTICS

Authorized signature

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Houston TX 77034-5576

June 26, 2011

CLIENT SAMPLE ID

Project Name: Sprague Energy

Project Number: 061611

Field Sample ID: Everett/ Asphalt Star/ TK 194/ A

SAMPLE DATA

Lab Sample ID: 70248-1
Matrix: Solid
Percent Solid: 100
Dilution Factor: 107
Collection Date: 06/20/11
Lab Receipt Date: 06/22/11
Analysis Date: 06/24/11

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Limit of Detection (LOD) µg/kg	Limit of Quantitation (LOQ) µg/kg	Result µg/kg	COMPOUND	Limit of Detection (LOD) µg/kg	Limit of Quantitation (LOQ) µg/kg	Result µg/kg
Chloroethane	54	107	U	1,1-Dichloroethane	54	107	U
Chloroform	54	80	U	1,1-Dichloroethene	54	80	U
Chloromethane	54	107	U	1,1-Dichloropropene	54	107	U
cis-1,2-Dichloroethene	54	107	U	1,2,3-Trichlorobenzene	54	107	U
cis-1,3-Dichloropropene	54	107	U	1,2,3-Trichloropropane	54	107	U
Dibromochloromethane	54	80	U	1,2,4-Trichlorobenzene	54	107	U
Dibromomethane	54	107	U	1,2,4-Trimethylbenzene	54	107	**203**
Dichlorodifluoromethane	54	107	U	1,2-Dibromo-3-chloropropane	54	107	U
Ethylbenzene	54	107	**55 J**	1,2-Dibromoethane	54	80	U
Freon-113	54	107	U	1,2-Dichlorobenzene	54	107	U
Hexachlorobutadiene	54	107	U	1,2-Dichloroethane	54	80	U
Isopropl benzene	54	107	U	1,2-Dichloropropane	54	80	U
m,p-Xylene	54	107	**213**	1,3,5-Trimethylbenzene	54	107	U
Methyl-tert-butyl ether (MTBE)	54	80	U	1,3-Dichlorobenzene	54	107	U
Methylene chloride	268	536	U	1,3-Dichloropropane	54	107	U
Naphthalene	54	107	**156**	1,4-Dichlorobenzene	54	107	U
n-Butylbenzene	54	107	U	2,2-Dichloropropane	54	107	U
n-Propylbenzene	54	107	U	Methyl ethyl ketone	536	1070	U
o-Xylene	54	107	**95 J**	2-Chlorotoluene	54	107	U
sec-Butylbenzene	54	107	U	2-Hexanone	536	1070	U
Styrene	54	107	U	4-Chlorotoluene	54	107	U
tert-Butylbenzene	54	107	U	4-Isopropyltoluene	54	107	U
Tetrachloroethene	54	107	U	4-Methyl-2-pentanone	536	1070	U
Tetrahydrofuran	268	536	U	Acetone	536	1070	U
Toluene	54	107	**118**	Benzene	54	107	U
trans-1,2-Dichloroethene	54	107	U	Bromobenzene	54	107	U
trans-1,3-Dichloropropene	54	107	U	Bromochloromethane	54	107	U
Trichloroethene	54	107	U	Bromodichloromethane	54	80	U
Trichlorofluoromethane	54	107	U	Bromoform	54	80	U
Vinyl chloride	54	107	U	Bromomethane	54	107	U
Xylenes (total)	54	107	U	Carbon Disulfide	54	107	U
1,1,1,2-Tetrachloroethane	54	107	U	Carbon tetrachloride	54	107	U
1,1,1-Trichloroethane	54	107	U	Chlorobenzene	54	107	U
1,1,2,2-Tetrachloroethane	54	80	U	(TIC) n-Heptane	NA	NA	NF
1,1,2-Trichloroethane	54	80	U	(TIC) n-Hexane	NA	NA	NF

Surrogate Standard Recovery

Bromofluorobenzene	97%	d4-1,2-Dichloroethane	107%	d8-Toluene	100%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample collection in accordance with SW-846 method 5035A. Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260B. Results between the LOD and LOQ are reported as estimated (J flag). Difficult compounds and laboratory contaminants are not reported below the LOQ

COMMENTS: Results are expressed on a dry weight basis. TIC=Tentatively Identified Compound. NF=Not Found using NIST library search criteria.

set2Column2TierWTICs:Res(0):Rec(0) - Inspectorate_OIL_2Tier_wTICS

Authorized signature

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June 24, 2011

CLIENT SAMPLE ID

Project Name: Sprague Energy

Project Number: 061611

Field Sample ID: Everett/ Asphalt Star/ TK 194/ B

SAMPLE DATA

Lab Sample ID: 70248-2
Matrix: Solid
Percent Solid: 100
Dilution Factor: 99
Collection Date: 06/20/11
Lab Receipt Date: 06/22/11
Analysis Date: 06/23/11

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Limit of Detection (LOD) µg/kg	Limit of Quantitation (LOQ) µg/kg	Result µg/kg	COMPOUND	Limit of Detection (LOD) µg/kg	Limit of Quantitation (LOQ) µg/kg	Result µg/kg
Chloroethane	50	99	U	1,1-Dichloroethane	50	99	U
Chloroform	50	74	U	1,1-Dichloroethene	50	74	U
Chloromethane	50	99	U	1,1-Dichloropropene	50	99	U
cis-1,2-Dichloroethene	50	99	U	1,2,3-Trichlorobenzene	50	99	U
cis-1,3-Dichloropropene	50	99	U	1,2,3-Trichloropropane	50	99	U
Dibromochloromethane	50	74	U	1,2,4-Trichlorobenzene	50	99	U
Dibromomethane	50	99	U	1,2,4-Trimethylbenzene	50	99	**80 J**
Dichlorodifluoromethane	50	99	U	1,2-Dibromo-3-chloropropane	50	99	U
Ethylbenzene	50	99	U	1,2-Dibromoethane	50	74	U
Freon-113	50	99	U	1,2-Dichlorobenzene	50	99	U
Hexachlorobutadiene	50	99	U	1,2-Dichloroethane	50	74	U
Isopropl benzene	50	99	U	1,2-Dichloropropane	50	74	U
m,p-Xylene	50	99	**87 J**	1,3,5-Trimethylbenzene	50	99	U
Methyl-tert-butyl ether (MTBE)	50	74	U	1,3-Dichlorobenzene	50	99	U
Methylene chloride	248	496	U	1,3-Dichloropropane	50	99	U
Naphthalene	50	99	U	1,4-Dichlorobenzene	50	99	U
n-Butylbenzene	50	99	U	2,2-Dichloropropane	50	99	U
n-Propylbenzene	50	99	U	Methyl ethyl ketone	496	993	U
o-Xylene	50	99	U	2-Chlorotoluene	50	99	U
sec-Butylbenzene	50	99	U	2-Hexanone	496	993	U
Styrene	50	99	U	4-Chlorotoluene	50	99	U
tert-Butylbenzene	50	99	U	4-Isopropyltoluene	50	99	U
Tetrachloroethene	50	99	U	4-Methyl-2-pentanone	496	993	U
Tetrahydrofuran	248	496	U	Acetone	496	993	U
Toluene	50	99	U	Benzene	50	99	U
trans-1,2-Dichloroethene	50	99	U	Bromobenzene	50	99	U
trans-1,3-Dichloropropene	50	99	U	Bromochloromethane	50	99	U
Trichloroethene	50	99	U	Bromodichloromethane	50	74	U
Trichlorofluoromethane	50	99	U	Bromoform	50	74	U
Vinyl chloride	50	99	U	Bromomethane	50	99	U
Xylenes (total)	50	99	U	Carbon Disulfide	50	99	U
1,1,1,2-Tetrachloroethane	50	99	U	Carbon tetrachloride	50	99	U
1,1,1-Trichloroethane	50	99	U	Chlorobenzene	50	99	U
1,1,2,2-Tetrachloroethane	50	74	U	(TIC) n-Heptane	NA	NA	NF
1,1,2-Trichloroethane	50	74	U	(TIC) n-Hexane	NA	NA	NF

Surrogate Standard Recovery

Bromofluorobenzene	89%	d4-1,2-Dichloroethane	99%	d8-Toluene	95%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample collection in accordance with SW-846 method 5035A. Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260B. Results between the LOD and LOQ are reported as estimated (J flag). Difficult compounds and laboratory contaminants are not reported below the LOQ

COMMENTS: Results are expressed on a dry weight basis. TIC=Tentatively Identified Compound. NF=Not Found using NIST library search criteria.

set2Column2TierWTICs:Res(0):Rec(0) - Inspectorate_OIL_2Tier_wTICS

Authorized signature

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Ms. Nina Anderson
Inspectorate America Corporation
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Houston TX 77034-5576

June 24, 2011

SAMPLE DATA

Lab Sample ID: 70248-3
Matrix: Solid
Percent Solid: 100
Dilution Factor: 100
Collection Date: 06/20/11
Lab Receipt Date: 06/22/11
Analysis Date: 06/23/11

CLIENT SAMPLE ID

Project Name: Sprague Energy

Project Number: 061611

Field Sample ID: Everett/ Asphalt Star/ Trip Blank

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Limit of Detection (LOD) µg/kg	Limit of Quantitation (LOQ) µg/kg	Result µg/kg	COMPOUND	Limit of Detection (LOD) µg/kg	Limit of Quantitation (LOQ) µg/kg	Result µg/kg
Chloroethane	50	100	U	1,1-Dichloroethane	50	100	U
Chloroform	50	75	U	1,1-Dichloroethene	50	75	U
Chloromethane	50	100	U	1,1-Dichloropropene	50	100	U
cis-1,2-Dichloroethene	50	100	U	1,2,3-Trichlorobenzene	50	100	U
cis-1,3-Dichloropropene	50	100	U	1,2,3-Trichloropropane	50	100	U
Dibromochloromethane	50	75	U	1,2,4-Trichlorobenzene	50	100	U
Dibromomethane	50	100	U	1,2,4-Trimethylbenzene	50	100	U
Dichlorodifluoromethane	50	100	U	1,2-Dibromo-3-chloropropane	50	100	U
Ethylbenzene	50	100	U	1,2-Dibromoethane	50	75	U
Freon-113	50	100	U	1,2-Dichlorobenzene	50	100	U
Hexachlorobutadiene	50	100	U	1,2-Dichloroethane	50	75	U
Isopropl benzene	50	100	U	1,2-Dichloropropane	50	75	U
m,p-Xylene	50	100	U	1,3,5-Trimethylbenzene	50	100	U
Methyl-tert-butyl ether (MTBE)	50	75	U	1,3-Dichlorobenzene	50	100	U
Methylene chloride	250	500	U	1,3-Dichloropropane	50	100	U
Naphthalene	50	100	U	1,4-Dichlorobenzene	50	100	U
n-Butylbenzene	50	100	U	2,2-Dichloropropane	50	100	U
n-Propylbenzene	50	100	U	Methyl ethyl ketone	500	1000	U
o-Xylene	50	100	U	2-Chlorotoluene	50	100	U
sec-Butylbenzene	50	100	U	2-Hexanone	500	1000	U
Styrene	50	100	U	4-Chlorotoluene	50	100	U
tert-Butylbenzene	50	100	U	4-Isopropyltoluene	50	100	U
Tetrachloroethene	50	100	U	4-Methyl-2-pentanone	500	1000	U
Tetrahydrofuran	250	500	U	Acetone	500	1000	U
Toluene	50	100	U	Benzene	50	100	U
trans-1,2-Dichloroethene	50	100	U	Bromobenzene	50	100	U
trans-1,3-Dichloropropene	50	100	U	Bromochloromethane	50	100	U
Trichloroethene	50	100	U	Bromodichloromethane	50	75	U
Trichlorofluoromethane	50	100	U	Bromoform	50	75	U
Vinyl chloride	50	100	U	Bromomethane	50	100	U
Xylenes (total)	50	100	U	Carbon Disulfide	50	100	U
1,1,1,2-Tetrachloroethane	50	100	U	Carbon tetrachloride	50	100	U
1,1,1-Trichloroethane	50	100	U	Chlorobenzene	50	100	U
1,1,2,2-Tetrachloroethane	50	75	U	(TIC) n-Heptane	NA	NA	NF
1,1,2-Trichloroethane	50	75	U	(TIC) n-Hexane	NA	NA	NF

Surrogate Standard Recovery

Bromofluorobenzene	91%	d4-1,2-Dichloroethane	99%	d8-Toluene	97%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260B. Results between the LOD and LOQ are reported as estimated (J flag). Difficult compounds and laboratory contaminants are not reported below the LOQ

COMMENTS: Results are expressed on a dry weight basis. TIC=Tentatively Identified Compound. NF=Not Found using NIST library search criteria.

set2Column2TierWTICs:Res(0):Rec(0) - Inspectorate_OIL_2Tier_wTICS

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June 24, 2011

CLIENT SAMPLE ID

Project Name: Sprague Energy

Project Number: 061611

Field Sample ID: Everett/ Asphalt Star/ TK 148/ A

SAMPLE DATA

Lab Sample ID: 70248-4
Matrix: Solid
Percent Solid: 100
Dilution Factor: 99
Collection Date: 06/21/11
Lab Receipt Date: 06/22/11
Analysis Date: 06/23/11

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Limit of Detection (LOD) µg/kg	Limit of Quantitation (LOQ) µg/kg	Result µg/kg	COMPOUND	Limit of Detection (LOD) µg/kg	Limit of Quantitation (LOQ) µg/kg	Result µg/kg
Chloroethane	50	99	U	1,1-Dichloroethane	50	99	U
Chloroform	50	74	U	1,1-Dichloroethene	50	74	U
Chloromethane	50	99	U	1,1-Dichloropropene	50	99	U
cis-1,2-Dichloroethene	50	99	U	1,2,3-Trichlorobenzene	50	99	U
cis-1,3-Dichloropropene	50	99	U	1,2,3-Trichloropropane	50	99	U
Dibromochloromethane	50	74	U	1,2,4-Trichlorobenzene	50	99	U
Dibromomethane	50	99	U	1,2,4-Trimethylbenzene	50	99	**59 J**
Dichlorodifluoromethane	50	99	U	1,2-Dibromo-3-chloropropane	50	99	U
Ethylbenzene	50	99	U	1,2-Dibromoethane	50	74	U
Freon-113	50	99	U	1,2-Dichlorobenzene	50	99	U
Hexachlorobutadiene	50	99	U	1,2-Dichloroethane	50	74	U
Isopropl benzene	50	99	U	1,2-Dichloropropane	50	74	U
m,p-Xylene	50	99	**66 J**	1,3,5-Trimethylbenzene	50	99	U
Methyl-tert-butyl ether (MTBE)	50	74	U	1,3-Dichlorobenzene	50	99	U
Methylene chloride	248	496	U	1,3-Dichloropropane	50	99	U
Naphthalene	50	99	U	1,4-Dichlorobenzene	50	99	U
n-Butylbenzene	50	99	U	2,2-Dichloropropane	50	99	U
n-Propylbenzene	50	99	U	Methyl ethyl ketone	496	992	U
o-Xylene	50	99	U	2-Chlorotoluene	50	99	U
sec-Butylbenzene	50	99	U	2-Hexanone	496	992	U
Styrene	50	99	U	4-Chlorotoluene	50	99	U
tert-Butylbenzene	50	99	U	4-Isopropyltoluene	50	99	U
Tetrachloroethene	50	99	U	4-Methyl-2-pentanone	496	992	U
Tetrahydrofuran	248	496	U	Acetone	496	992	U
Toluene	50	99	U	Benzene	50	99	U
trans-1,2-Dichloroethene	50	99	U	Bromobenzene	50	99	U
trans-1,3-Dichloropropene	50	99	U	Bromochloromethane	50	99	U
Trichloroethene	50	99	U	Bromodichloromethane	50	74	U
Trichlorofluoromethane	50	99	U	Bromoform	50	74	U
Vinyl chloride	50	99	U	Bromomethane	50	99	U
Xylenes (total)	50	99	U	Carbon Disulfide	50	99	U
1,1,1,2-Tetrachloroethane	50	99	U	Carbon tetrachloride	50	99	U
1,1,1-Trichloroethane	50	99	U	Chlorobenzene	50	99	U
1,1,2,2-Tetrachloroethane	50	74	U	(TIC) n-Heptane	NA	NA	NF
1,1,2-Trichloroethane	50	74	U	(TIC) n-Hexane	NA	NA	NF

Surrogate Standard Recovery

Bromofluorobenzene	84%	d4-1,2-Dichloroethane	95%	d8-Toluene	96%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample collection in accordance with SW-846 method 5035A. Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260B. Results between the LOD and LOQ are reported as estimated (J flag). Difficult compounds and laboratory contaminants are not reported below the LOQ

COMMENTS: Results are expressed on a dry weight basis. TIC=Tentatively Identified Compound. NF=Not Found using NIST library search criteria.

set2Column2TierWTICs:Res(0):Rec(0) - Inspectorate_OIL_2Tier_wTICS

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June 24, 2011

CLIENT SAMPLE ID

Project Name: Sprague Energy

Project Number: 061611

Field Sample ID: Everett/ Asphalt Star/ TK 148/ B

SAMPLE DATA

Lab Sample ID: 70248-5
Matrix: Solid
Percent Solid: 100
Dilution Factor: 96
Collection Date: 06/21/11
Lab Receipt Date: 06/22/11
Analysis Date: 06/23/11

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Limit of Detection (LOD) µg/kg	Limit of Quantitation (LOQ) µg/kg	Result µg/kg	COMPOUND	Limit of Detection (LOD) µg/kg	Limit of Quantitation (LOQ) µg/kg	Result µg/kg
Chloroethane	48	96	U	1,1-Dichloroethane	48	96	U
Chloroform	48	72	U	1,1-Dichloroethene	48	72	U
Chloromethane	48	96	U	1,1-Dichloropropene	48	96	U
cis-1,2-Dichloroethene	48	96	U	1,2,3-Trichlorobenzene	48	96	U
cis-1,3-Dichloropropene	48	96	U	1,2,3-Trichloropropane	48	96	U
Dibromochloromethane	48	72	U	1,2,4-Trichlorobenzene	48	96	U
Dibromomethane	48	96	U	1,2,4-Trimethylbenzene	48	96	U
Dichlorodifluoromethane	48	96	U	1,2-Dibromo-3-chloropropane	48	96	U
Ethylbenzene	48	96	U	1,2-Dibromoethane	48	72	U
Freon-113	48	96	U	1,2-Dichlorobenzene	48	96	U
Hexachlorobutadiene	48	96	U	1,2-Dichloroethane	48	72	U
Isopropl benzene	48	96	U	1,2-Dichloropropane	48	72	U
m,p-Xylene	48	96	U	1,3,5-Trimethylbenzene	48	96	U
Methyl-tert-butyl ether (MTBE)	48	72	U	1,3-Dichlorobenzene	48	96	U
Methylene chloride	241	481	U	1,3-Dichloropropane	48	96	U
Naphthalene	48	96	U	1,4-Dichlorobenzene	48	96	U
n-Butylbenzene	48	96	U	2,2-Dichloropropane	48	96	U
n-Propylbenzene	48	96	U	Methyl ethyl ketone	481	963	U
o-Xylene	48	96	U	2-Chlorotoluene	48	96	U
sec-Butylbenzene	48	96	U	2-Hexanone	481	963	U
Styrene	48	96	U	4-Chlorotoluene	48	96	U
tert-Butylbenzene	48	96	U	4-Isopropyltoluene	48	96	U
Tetrachloroethene	48	96	U	4-Methyl-2-pentanone	481	963	U
Tetrahydrofuran	241	481	U	Acetone	481	963	U
Toluene	48	96	U	Benzene	48	96	U
trans-1,2-Dichloroethene	48	96	U	Bromobenzene	48	96	U
trans-1,3-Dichloropropene	48	96	U	Bromochloromethane	48	96	U
Trichloroethene	48	96	U	Bromodichloromethane	48	72	U
Trichlorofluoromethane	48	96	U	Bromoform	48	72	U
Vinyl chloride	48	96	U	Bromomethane	48	96	U
Xylenes (total)	48	96	U	Carbon Disulfide	48	96	U
1,1,1,2-Tetrachloroethane	48	96	U	Carbon tetrachloride	48	96	U
1,1,1-Trichloroethane	48	96	U	Chlorobenzene	48	96	U
1,1,2,2-Tetrachloroethane	48	72	U	(TIC) n-Heptane	NA	NA	NF
1,1,2-Trichloroethane	48	72	U	(TIC) n-Hexane	NA	NA	NF

Surrogate Standard Recovery

Bromofluorobenzene	94%	d4-1,2-Dichloroethane	99%	d8-Toluene	101%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample collection in accordance with SW-846 method 5035A. Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260B. Results between the LOD and LOQ are reported as estimated (J flag). Difficult compounds and laboratory contaminants are not reported below the LOQ

COMMENTS: Results are expressed on a dry weight basis. TIC=Tentatively Identified Compound. NF=Not Found using NIST library search criteria.

set2Column2TierWTICs:Res(0):Rec(0) - Inspectorate_OIL_2Tier_wTICS

Authorized signature

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Ms. Nina Anderson
Inspectorate America Corporation
12000 Aerospace Ave, Suite 200
Houston TX 77034-5576

June 24, 2011

SAMPLE DATA

Lab Sample ID: 70248-6
Matrix: Solid
Percent Solid: 100
Dilution Factor: 100
Collection Date: 06/21/11
Lab Receipt Date: 06/22/11
Analysis Date: 06/23/11

CLIENT SAMPLE ID

Project Name: Sprague Energy

Project Number: 061611

Field Sample ID: Everett/ Asphalt Star/ TK 194/ Trip Blank

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Limit of Detection (LOD) µg/kg	Limit of Quantitation (LOQ) µg/kg	Result µg/kg	COMPOUND	Limit of Detection (LOD) µg/kg	Limit of Quantitation (LOQ) µg/kg	Result µg/kg
Chloroethane	50	100	U	1,1-Dichloroethane	50	100	U
Chloroform	50	75	U	1,1-Dichloroethene	50	75	U
Chloromethane	50	100	U	1,1-Dichloropropene	50	100	U
cis-1,2-Dichloroethene	50	100	U	1,2,3-Trichlorobenzene	50	100	U
cis-1,3-Dichloropropene	50	100	U	1,2,3-Trichloropropane	50	100	U
Dibromochloromethane	50	75	U	1,2,4-Trichlorobenzene	50	100	U
Dibromomethane	50	100	U	1,2,4-Trimethylbenzene	50	100	U
Dichlorodifluoromethane	50	100	U	1,2-Dibromo-3-chloropropane	50	100	U
Ethylbenzene	50	100	U	1,2-Dibromoethane	50	75	U
Freon-113	50	100	U	1,2-Dichlorobenzene	50	100	U
Hexachlorobutadiene	50	100	U	1,2-Dichloroethane	50	75	U
Isopropl benzene	50	100	U	1,2-Dichloropropane	50	75	U
m,p-Xylene	50	100	U	1,3,5-Trimethylbenzene	50	100	U
Methyl-tert-butyl ether (MTBE)	50	75	U	1,3-Dichlorobenzene	50	100	U
Methylene chloride	250	500	U	1,3-Dichloropropane	50	100	U
Naphthalene	50	100	U	1,4-Dichlorobenzene	50	100	U
n-Butylbenzene	50	100	U	2,2-Dichloropropane	50	100	U
n-Propylbenzene	50	100	U	Methyl ethyl ketone	500	1000	U
o-Xylene	50	100	U	2-Chlorotoluene	50	100	U
sec-Butylbenzene	50	100	U	2-Hexanone	500	1000	U
Styrene	50	100	U	4-Chlorotoluene	50	100	U
tert-Butylbenzene	50	100	U	4-Isopropyltoluene	50	100	U
Tetrachloroethene	50	100	U	4-Methyl-2-pentanone	500	1000	U
Tetrahydrofuran	250	500	U	Acetone	500	1000	U
Toluene	50	100	U	Benzene	50	100	U
trans-1,2-Dichloroethene	50	100	U	Bromobenzene	50	100	U
trans-1,3-Dichloropropene	50	100	U	Bromochloromethane	50	100	U
Trichloroethene	50	100	U	Bromodichloromethane	50	75	U
Trichlorofluoromethane	50	100	U	Bromoform	50	75	U
Vinyl chloride	50	100	U	Bromomethane	50	100	U
Xylenes (total)	50	100	U	Carbon Disulfide	50	100	U
1,1,1,2-Tetrachloroethane	50	100	U	Carbon tetrachloride	50	100	U
1,1,1-Trichloroethane	50	100	U	Chlorobenzene	50	100	U
1,1,2,2-Tetrachloroethane	50	75	U	(TIC) n-Heptane	NA	NA	NF
1,1,2-Trichloroethane	50	75	U	(TIC) n-Hexane	NA	NA	NF

Surrogate Standard Recovery

Bromofluorobenzene	86%	d4-1,2-Dichloroethane	98%	d8-Toluene	93%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260B. Results between the LOD and LOQ are reported as estimated (J flag). Difficult compounds and laboratory contaminants are not reported below the LOQ

COMMENTS: Results are expressed on a dry weight basis. TIC=Tentatively Identified Compound. NF=Not Found using NIST library search criteria.

set2Column2TierWTICs:Res(0):Rec(0) - Inspectorate_OIL_2Tier_wTICS

Authorized signature

INSPECTORATE
A Bureau Veritas Group Company

SUBMITTED SAMPLE CHAIN OF CUSTODY

2 Williams Street
Chelsea, MA 02150
Phone: (617) 889-6515

Facility: Inspectorate
Address: 2 Williams ST
Chelsea MA

Contact: Chris Davis
Phone: 617 889-6515
Email:
Fax: 617 889-6311 (Fax)
Chris.Davis@Inspectorate.com

Project Name: VOC
Project Number: 061611
Project Manager: C Davis
Email: Chris.Davis@Inspectorate.com

Page 1 of 3
P.O. No: Quote No:

Lab Number (assigned by lab)	Sample ID: (must agree with container)	Date Sampled	Time Sampled	Sampled By	Grab or com-posit (G/C)	Container Size (ml.)	Product Grade	Analyses Requested/ Special Instructions:
	Everett/Asphalt Star/TK 194/A	6/20/11	1100	KB	Grab		Asphalt 64-28	VOC 70248-1
	Everett/Asphalt Star/TK 194/B	6/20/11	1100	KB	Grab		Asphalt 64-28	VOC -2
	Everett/Asphalt Star/Trip Blank	6/20/11	1100	KB			Methanol Blank	-3
	Everett/Asphalt Star/TK 148/A	6/21/11	0615	KB	Grab		Asphalt 64-28	VOC -4
	Everett/Asphalt Star/TK 148/B	6/21/11	0615	KB	Grab		Asphalt 64-28	VOC -5
	Everett/Asphalt Star/Trip Blank	6/21/11	0615	KB			Methanol Blank	-6

Relinquished By: [signature] Date: 6/22/11 Time 1245
Received By: [signature] Date: 6/22/11 Time 1242

Relinquished By: Date: Time
Received By: Date: Time

Comments: Samples received AE6 6.0

COC Doc No:

Page 1 of 1

ANALYTICS SAMPLE RECEIPT CHECKLIST

analytics environmental laboratory LLC

AEL LAB#: 70248 | COOLER NUMBER: 88

CLIENT: Inspectorate | NUMBER OF COOLERS: 1

PROJECT: 061611 | DATE RECEIVED: 6.22.11

A: PRELIMINARY EXAMINATION: | DATE COOLER OPENED: 6.22.11

1. Cooler received by(initials): DW | Date Received: 6.22.11

2. Circle one: (Hand delivered (If so, skip 3)) Shipped

3. Did cooler come with a shipping slip? Y (N/A)

3a. Enter carrier name and airbill number here: _____

4. Were custody seals on the outside of cooler? Y N A
How many & where: _____ Seal Date: _____ Seal Name: _____

5. Did the custody seals arrive unbroken and intact upon arrival? Y N A

6. COC#: _____

7. Were Custody papers filled out properly (ink,signed, etc)?	(Y)	N
8. Were custody papers sealed in a plastic bag?	(Y)	N
9. Did you sign the COC in the appropriate place?	(Y)	N
10. Was the project identifiable from the COC papers?	(Y)	N
11. Was enough ice used to chill the cooler? (Y) N — Temp. of cooler: 6.0		

B. Log-In: Date samples were logged in: 6.22.11 By: MJG

12. Type of packing in cooler(bubble wrap,(popcorn))	(Y)	N
13. Were all bottles sealed in separate plastic bags?	(Y)	N
14. Did all bottles arrive unbroken and were labels in good condition?	(Y)	N
15. Were all bottle labels complete(ID,Date,time,etc.)	(Y)	N
16. Did all bottle labels agree with custody papers?	(Y)	N
17. Were the correct containers used for the tests indicated:	(Y)	N
18. Were samples received at the correct pH?	(Y) SMC 6/23/11	N/A
19. Was sufficient amount of sample sent for the tests indicated?	(Y)	N
20. Were all samples submitted within holding time?	(Y)	N
21. Were bubbles absent in VOA samples?	Y	N/A

If NO, List Sample ID's and Lab #s: _____

22. Laboratory labeling verified by (initials): JBB Date: 6/22/11